

## Moxifloxacin based fluorescence imaging of intestinal goblet cells: supplement

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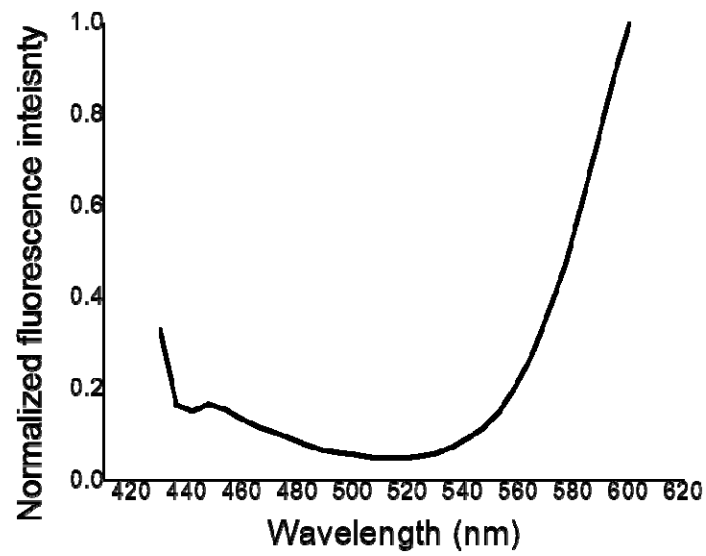
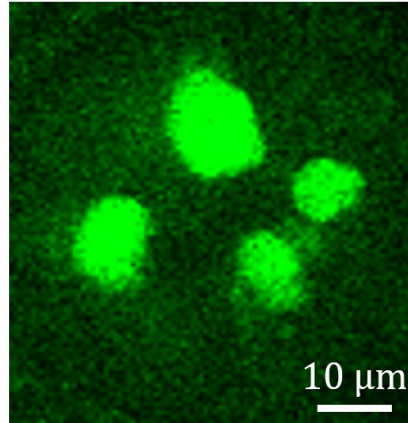


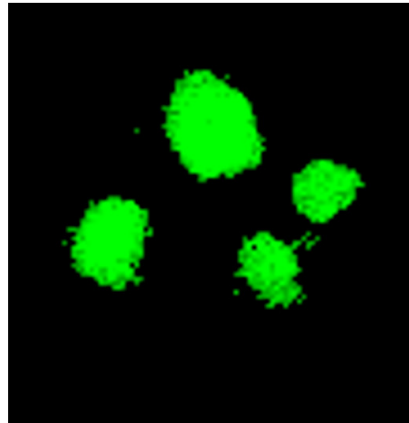
Fig. S1. Autofluorescence emission spectrum of the confocal miniprobe (Gastroflex UHD, Mauna Kea Technology) at the excitation wavelength of 405 nm.



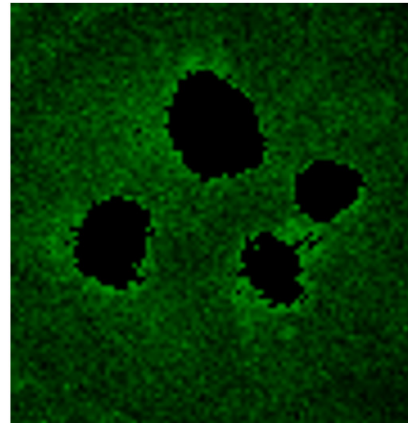
Original



Otsu thresholding



Signal (Goblet cells)



Background (Other cells)

Fig. S2. Signal to background ratio analysis of moxifloxacin based intestinal goblet cell imaging in the normal mouse colon.